



Bowman et al.  
Attorney Docket No. BOEI-1-1199  
**TOOLING DATA STRUCTURE**  
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Serial No. 10/650,598  
Sheet 1 of 8  
"REPLACEMENT"  
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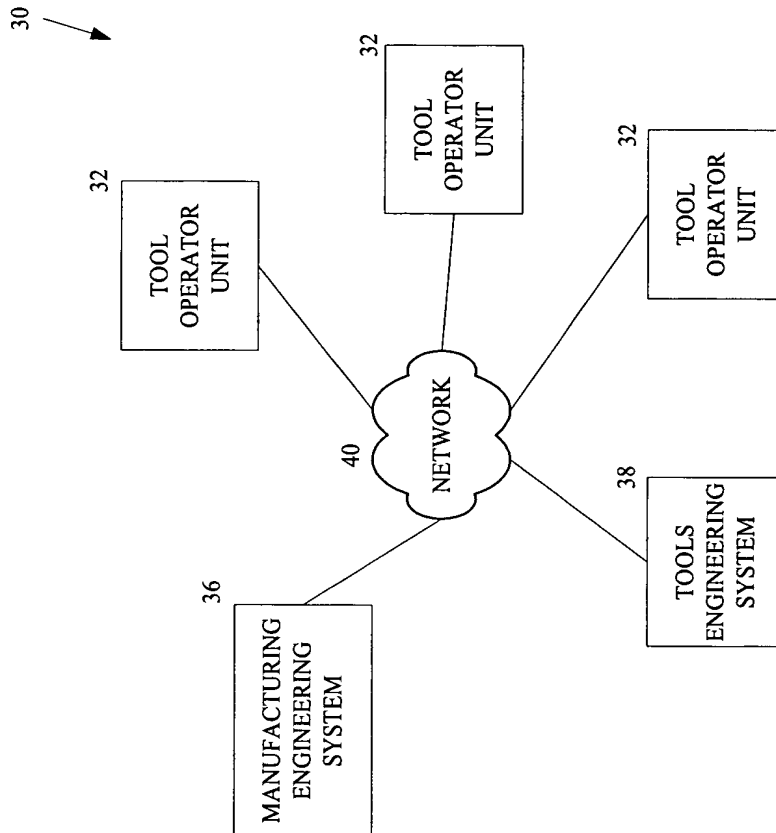


FIG.1.

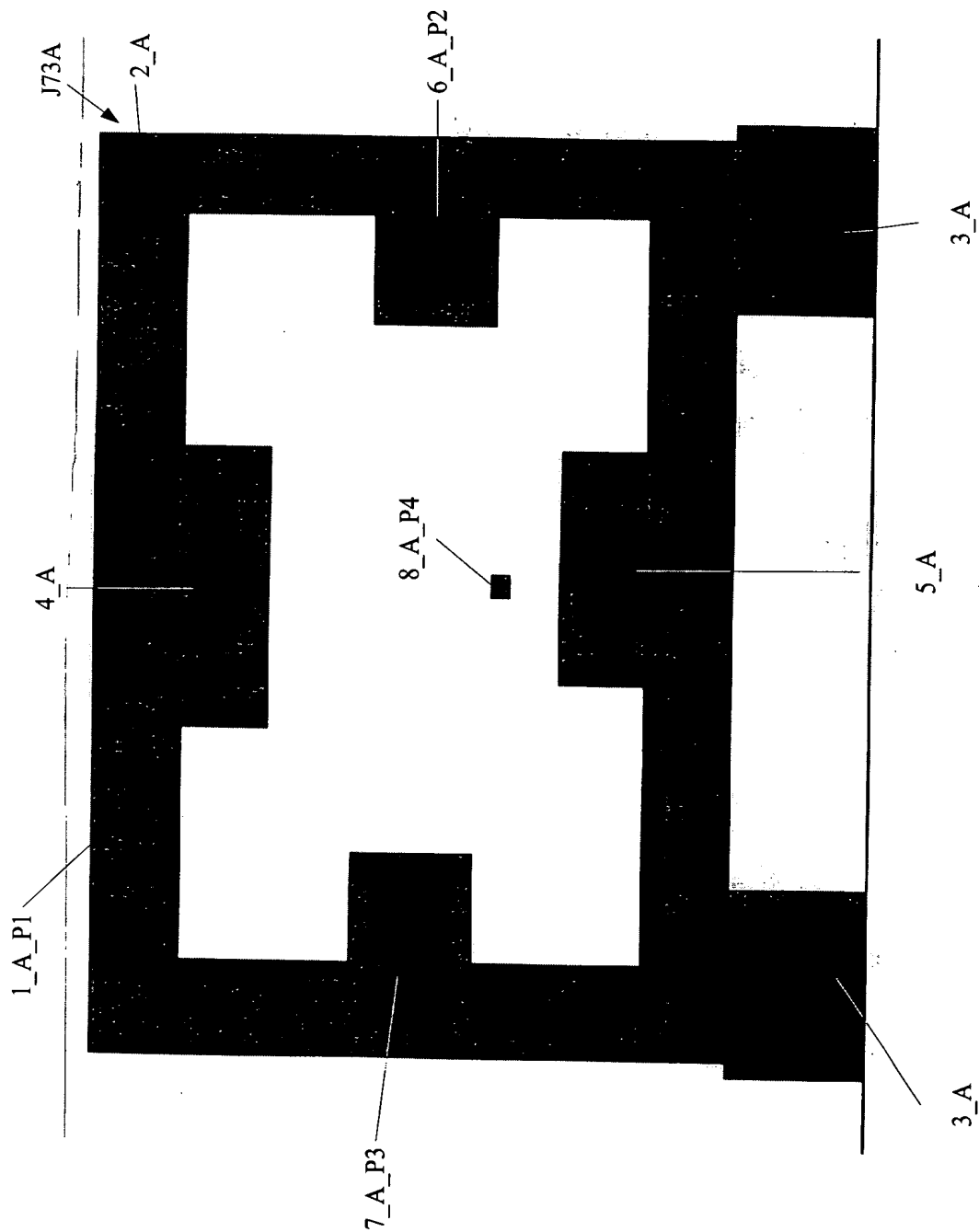


FIG. 2.









Plan IP 73456 to build up panel		Availability
OP 10 Retrieve Tool.	 AJ73W12-1_Tool	1 → ∞
OP 20 Attach 73W12-1 panel to	 AJ73W12-1_P1 Main Assy	1 → ∞
with	 AJ73W12-1_P4 Pin	
OP 30 Install	 AJ73W12-1_P2 stiffener locator	1 → ∞
OP 40 Install	 AJ73W12-1_P3 stiffener locator	1 → ∞
OP 50 Drill hole <sub>s</sub> x, y, v, z with	 AJ73W12-1_P1 drill feature	1 → ∞
OP 60 Locate 45FR23	 AJ73W12-1_P2 stiffener locator	1 → ∞
and	 AJ73W12-1_P3 stiffener locator	

FIG. 3.

**Plan**                      **IP 73456 to build up panel**

100  
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OP 10    Retrieve Tool (Tool | AJ73W12-1\_A)

OP 20    Attach 73W12-1 panel to (P1 | AJ73W12-1\_1\_A)  
          Main Assy (P4 | AJ73W12-1\_8\_A) pin

OP 30    Install (P2 | AJ73W12-1\_6\_A) stiffener locator

OP 40    Install (P3 | AJ73W12-1\_7\_A) stiffener locator

OP 50    Drill hole<sub>s</sub>x, y, v, z with (P1 | AJ73W12-1\_5\_A) drill feature

OP 60    Locate 45FR23 to (P2 | AJ73W12-1\_6\_A) stiffener locator

          and (P3 | AJ73W12-1\_7\_A) stiffener locator

FIG. 4.



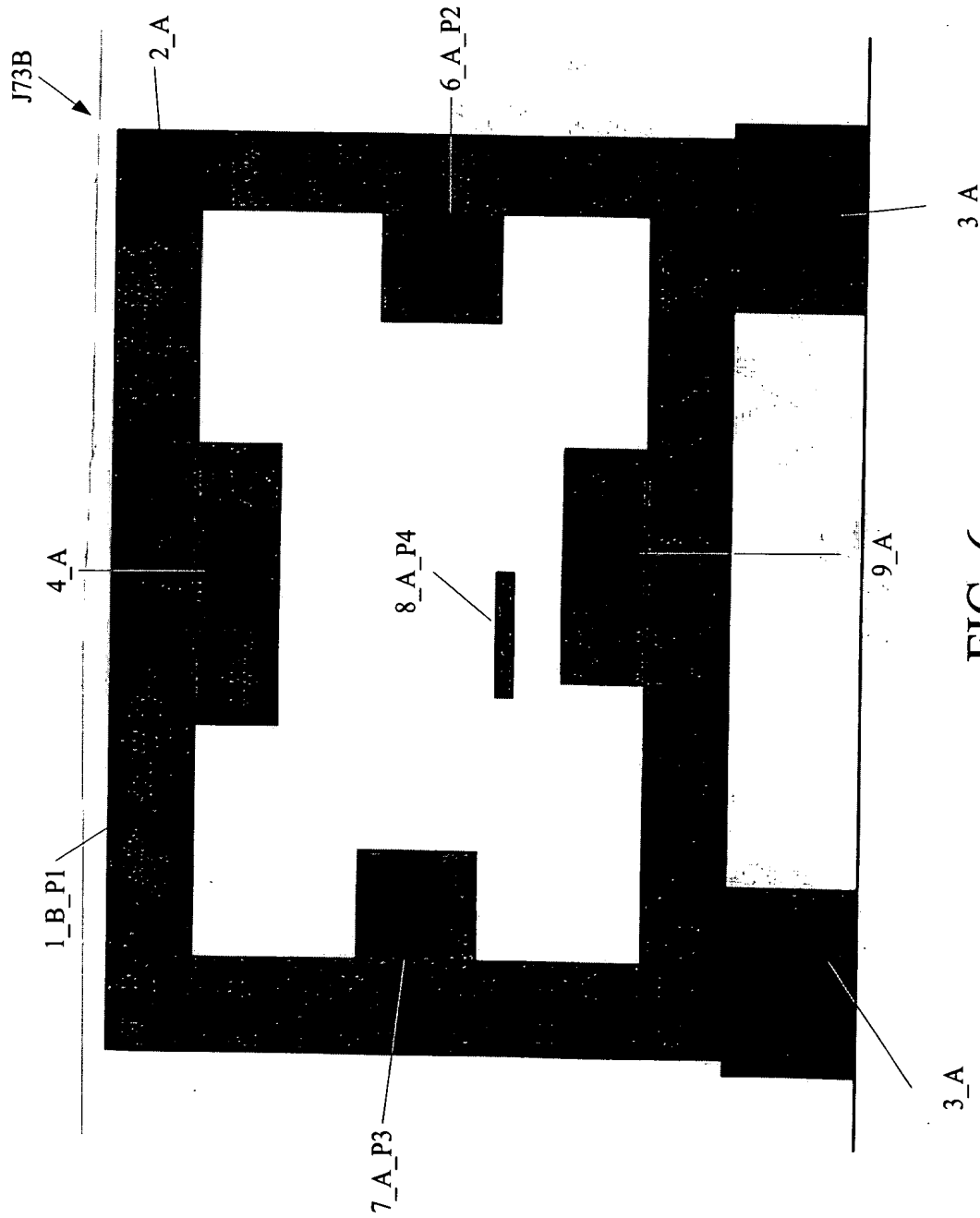


FIG. 6.

250

Plan	IP 73456 to build up panel
OP 10	Retrieve Tool (Tool   AJ73W12-1_B)
OP 20	Attach 73W12-1 panel to (P1   AJ73W12-1_1_B) Main Assy (P4   AJ73W12-1_8_A) pin
OP 30	Install (P2   AJ73W12-1_6_A) stiffener locator
OP 40	Install (P3   AJ73W12-1_7_A) stiffener locator
OP 50	Drill hole x, y, v, z with (P1   AJ73W12-1_5_B) drill feature
OP 60	Locate 45FR23 to (P2   AJ73W12-1_6_A) stiffener locator and (P3   AJ73W12-1_7_A) stiffener locator

FIG. 7.

